

SUPPORT SERVICES FOR LONG DISTANCE PROVIDERS

I N D E X

Products/Services:
Regulatory/tariff services.

Pre Pay Worldwide
1 World Trade Center
New York, NY 10048
(212) 488-1113
Contact: Martin Ciesinski
Products/Services: Billing
platforms, Direct billing services.

PremierCom Inc.
500 E. Higgins Road
Elk Grove Village, IL 60007
(847) 545-9000
(888) 577-7266
FAX: (847) 545-9001
Contact: Sean Trepeta
Products/Services: Billing
platforms, Consulting services,
Direct billing services, Fraud &
validation, LEC billing
clearinghouse, Operation &
management software, Service
bureau, Third-party verification.
Back office support for small to
mid-sized resellers.

Prodata Systems Inc.
2333 Western Ave.
Seattle, WA 98121
(206) 441-1758
(800) 422-7725
FAX: (206) 441-6355
Contact: John Foster
Products/Services: Consulting
services, Financial services,
Service bureau.

Proffitec Inc.
2519 Barnes Park N.
Hartford, CT 06492
(203) 269-3883
FAX: (203) 284-1137
Contact: Randy Minervino
Products/Services: Billing
platforms, Consulting services,
Direct billing services, Direct
billing software packages, Fraud &
validation, Operation &
management software,
Regulatory services, Service
bureau, Third-party verification.

PTT Telekom
1000 N. Orlando Ave.
Winter Park, FL 32789
(407) 648-5300
FAX: (407) 648-0900
Contact: Fernando L. Sabino
Products/Services: Billing
platforms, Consulting services.

*Prepaid platform operator
services.*

Public Telephone Inc.
789 East 8375 South
Sandy, UT 84094
(801) 567-9500
FAX: (801) 483-9670
Contact: Randy Cromar
Products/Services: Directory
assistance, AOS provider.
Operator services.

**Quick Response (3rd Party
Verification Services)**
1720 S. Queen St.
York, PA 17403
(717) 846-5800
FAX: (717) 852-0506
Contact: John Zentgraf
Products/Services: Fraud &
validation, Third-party verification.
Inbound customer support
services, Outbound customer
support services, including
welcome calls, verification
callbacks and surveys.

Rapid LLC
15 Center St.
Belvidere, NJ 07823
(516) 771-1430
FAX: (516) 771-1415
Contact: Michael A. Trepeta
Products/Services: Billing
platforms, Consulting services,
Direct billing services, Direct
billing software packages, Fraud &
validation, LEC billing
clearinghouse, Operation &
management software,
Regulatory services, Consulting
services, AS/400, network design,
implementation & management,
mainframe, project mgmt., Lansa,
Lotus Notes, AMA, EDI and local
provisioning.

**Resurgens
Communications Group**
1919 S. Highland
Bldg. D, Suite 129-B
Lombard, IL 60148
(630) 268-6600
(800) 973-7874
FAX: (630) 268-6612
Contact: Joe Troche
Products/Services: Directory
assistance.

RFC Capital Corp.
130 E. Chestnut St.
Suite 400

Columbus, OH 43215
(614) 229-7979
(888) 732-3863
FAX: (614) 229-7980
Contact: Steven B. Jaffee
Products/Services: Financial
services.

Right Call, The
5950 Crooked Creek Road
Suite 60
Norcross, GA 30092
(770) 447-6300
(888) 500-2255
FAX: (770) 447-1999
Contact: Chuck Wheeler
Products/Services: Consulting
services, Financial services.
Financial auditing of telecom
expenses.

Sales Dynamics
481 S.W. 8th Terrace
Boca Raton, FL 33486
(561) 395-9137
FAX: (561) 395-9850
Contact: Stu Kolinsky
Products/Services: Industry-
specific sales training and
motivational speaking.

Saville Systems
One Van de Graaff Drive
Burlington, MA 01803
(781) 270-6500
FAX: (781) 270-6502
Contact: Karen Bustillo
Products/Services: Billing
platforms, Consulting services,
Direct billing services, Direct
billing software packages, LEC
billing clearinghouse, Service
bureau.

Seruus
200 N. Main St.
Greenville, SC 29601
(864) 233-5517
(888) 233-5517
FAX: (864) 250-0204
Contact: Myron Goins
Products/Services: Financial
services.

**Shared Communications
Services**
P.O. Box 12039
Salem, OR 97309
(503) 316-4455
FAX: (503) 399-1459
Contact: Ron Anderson
Products/Services: Billing
platforms.

Sharenet Communications Co.
4633 W. Polk St.
Phoenix, AZ 85043
(602) 269-9802
(800) 279-5410
FAX: (602) 272-3741
Contact: Tina Sanders
Products/Services: Operator
services.

**Siemens Stromberg-
Carlson**
900 Broken Sound Parkway
Boca Raton, FL 33487
(407) 942-5251
Products/Services: Billing
platforms, Consulting services,
Financial services, Operation &
management software, Switching:
local and long distance products.

SigmaTech Software
22122 Sherman Way
Suite 305
Canoga Park, CA 91303
(818) 226-6060
FAX: (818) 226-3808
Contact: Naum Grutman
Products/Services: Consulting
services, Direct billing software
packages, Service bureau, PC-
based switch for callback and
prepaid phone cards. Automated
attendant, voice mail, fax on
demand and fax mail.

SNET
530 Preston Ave.
Meriden, CT 06450
(203) 634-6301
(800) 447-6386
FAX: (203) 634-9331
Contact: Robert Rice
Products/Services: Third-party
verification, Transport of billing
messages to billing and collection
clearinghouses, billed data
analysis software, all SS7
services and Connecticut end-
user billing.

**Sprint Partners/Jeff
Harvey & Associates Inc.**
317 Ridge St.
Honesdale, PA 18431
(717) 253-0296
(800) 726-2533
FAX: (717) 253-0396
Contact: Jeff Harvey
Products/Services: Billing
platforms, Consulting services.
Direct marketing channel for

SUPPORT SERVICES FOR LONG DISTANCE PROVIDERS

I N D E X

Sprint. Agent programs with commissions base for Sprint's main programs.

Standard Register

200 Albany St.
Dayton, OH 45408
(937) 755-6405
Products/Services: Consulting services, Service bureau. Prepaid phone card packaging, distribution and fulfillment services. Also, statement billing services.

Starlink Communications LLC

601 Gateway Blvd.
Suite 260
South San Francisco, CA 94080
(650) 869-3850
FAX: (650) 869-3700
Contact: Dean Kayes
Products/Services: Direct billing services, Financial services, LEC billing clearinghouse.

State Street Bank and Trust Co.

225 Franklin St.
2nd Floor
Boston, MA 02110
(617) 664-3080
FAX: (617) 664-3708
Contact: Chris Needham or Jim Gregg
Products/Services: Financial services.

Switch Solutions

3445 Executive Center Drive
Suite 220
Austin, TX 78731
(512) 345-7100
FAX: (512) 345-7235
Contact: Mark Ragan
Products/Services: Direct billing software packages. Switch-Mate billing system.

Synergy Network Communications

274 Snyder Mountain Road
Evergreen, CO 80439
(303) 674-7888
FAX: (303) 674-1728
Contact: T.J. Trapp
Products/Services: Directory assistance. Reseller for 1+ and 0+ products.

TCS Inc.

200 E. Broward Blvd.
12th Floor

Fort Lauderdale, FL 33301

(954) 712-0500
FAX: (954) 712-0550
Contact: Jeff Slye
Products/Services: Service bureau. Calling cards, debit cards, international equal access, voice virtual private networks, virtual office solutions.

Technologies Management Inc.

210 Park Ave. N.
Winter Park, FL 32789
(407) 740-8575
FAX: (407) 740-0613
Contact: Connie Wightman
Products/Services: Consulting services, Regulatory services.

Tel America

324 S. State
Suite 102
Salt Lake City, UT 84111
(801) 521-0200
(800) 748-4000
FAX: (801) 350-8055
Contact: Mike Jasper
Products/Services: Directory assistance.

Tel-One

343 E. Main St.
3rd Floor
Stockton, CA 95202
(209) 235-5555
(800) 340-8351
FAX: (209) 235-5565
Contact: Aaron Woolfson
Products/Services: Billing platforms, Consulting services, Direct billing software packages, Directory assistance, Operation & management software, Regulatory services. High-performance switching platforms, network planning and provisioning, CIC acquisition and loading.

Telcom Products International

One N. Second St.
Suite 322
Fargo, ND 58102
(701) 232-4525
(800) 743-0677
FAX: (701) 232-2396
Contact: Greg Hull
Products/Services: Auto dialers, digital network access equipment and accessories.

Teldar Communications Network Inc.

40 N.E. 7th Ave.
Delray Beach, FL 33483
(561) 276-1960
(800) 746-6305
FAX: (561) 276-1968
Contact: Donna Michaels
Products/Services: Consulting services, Operation & management software, Payphone management.

TeleCare Inc.

444 Lafayette Road
Noblesville, IN 46060
(317) 776-7654
(800) 466-1550
FAX: (317) 776-7646
Contact: Pamela Marshall
Products/Services: Direct billing services, Directory assistance, LEC billing clearinghouse.

TeleCom Affiliates

2601 S. Lemay
Suite 37
Fort Collins, CO 80525
(970) 226-2999
FAX: (970) 226-4568
Contact: Jim Evans
Products/Services: Billing platforms, Consulting services, Direct billing services, Direct billing software packages.

TeleCom Consultants Inc.

2112 Dundee Drive S.W.
Decatur, AL 35603
(205) 350-7765
(888) 350-7765
FAX: (205) 341-0101
Contact: David Hendriks
Products/Services: Consulting services.

Telecommunications On Demand Inc.

Pinebrook Place
Suite 350
Orwigsburg, PA 17961
(717) 366-8783
FAX: (717) 366-1851
Contact: Jeff Bornstein
Products/Services: Consulting services.

Telecommunications Service Center Inc.

412 E. Madison St.
Suite 1200
Tampa, FL 33602
(813) 228-0688

(800) 644-5953

FAX: (813) 222-0875
Contact: Harold Shankland
Products/Services: Billing platforms, Direct billing services, LEC billing clearinghouse.

TeleCon LLC

8180 Greensboro Drive
Suite 700
McLean, VA 22102
(703) 714-1325
FAX: (703) 905-9079
Contact: Faye Henris
Products/Services: Consulting services, Financial services, Operation & management software, Regulatory services. Provides consulting services in access cost reduction/management, regulatory/local service analysis, systems development, pricing and profitability.

TeleConcepts Inc.

1090 Northchase Parkway
Suite 200 S.
Marietta, GA 30067
(770) 579-1323
FAX: (770) 984-3266
Contact: Norman Conway
Products/Services: Billing platform specifically for billing international outbound termination services.

Teleflex Systems Inc.

7601 N. Federal Highway
Suite 245-A
Boca Raton, FL 33487
(561) 998-9356
FAX: (561) 998-8598
Contact: Bill Pearce
Products/Services: Billing platforms. Teleflex Systems is a state-of-the-art designer of billing and voice processing systems offering the convenience of one platform, one company, and one bill.

Telemetrics

Communications
160 University Drive
Buffalo Grove, IL 60089
(847) 541-0608
FAX: (847) 541-0616
Contact: Michael W. Peterson
Products/Services: Consulting services.

Telephony International Inc.

2 Corporate Plaza Drive
Suite 200
Newport Beach, CA 92660

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I N D E X

(714) 760-9200
FAX: (714) 760-9707
Contact: Joseph O'Connor
Products/Services: Specialized international carrier/Internet telephony.

Teleport Communications Group Inc.
 2 Teleport Drive
 Suite 300
 Staten Island, NY 10311
 (718) 355-2125
FAX: (718) 355-4418
Contact: Alex J. Walker
Products/Services: CLEC, "Extraordinary service, from an unconventional company."

TeleSystems Marketing Inc.
 8401 Westheimer Road
 Suite 200
 Houston, TX 77063
 (800) 622-0190
FAX: (713) 780-5931
Contact: Mike Burns
Products/Services: Service bureau, Third-party verification. Telemarketing services.

Trust Inc.
 101 N. Charles Lindbergh Drive
 Lake City, UT 84116
 (801) 535-2000
FAX: (801) 535-3222
Contact: Mark McNeill
Products/Services: Directory assistance, Third-party verification. National directory assistance, live/automated operator assistance, prepaid calling cards and wholesale network transmission.

TMNG (The Management Network Group Inc.)
 11613 Tomahawk Creek Parkway
 Suite D
 Leawood, KS 66211
 (913) 345-9315
FAX: (913) 345-0071
Contact: R. Nespola
Products/Services: Consulting.

Toll Call Inc.
 6000 Live Oak Parkway
 Suite 111-A
 Norcross, GA 30068
 (770) 368-9881
 (800) 868-9881
FAX: (770) 448-8497

Contact: Dave Askelard
Products/Services: Consulting services. Turnkey payphone management for Nortel Millennium payphones.

Total Communications Systems Inc.
 8421 Baymeadows Way
 Jacksonville, FL 32256
 (904) 733-2300
FAX: (904) 730-0016
Contact: Bill Perkins
Products/Services: Wholesale only to facility-based carriers. Domestic and international.

Touch 1 Communications
 100 Brookwood Road
 Atmore, AL 36502
 (334) 368-8600
 (800) 286-8241
FAX: (334) 368-3470
Contact: Kathy Hawkins
Products/Services: Consulting services, Regulatory services, Service bureau.

Transaction Network Services Inc.
 1939 Roland Clarke Place
 Reston, VA 20191
 (703) 453-8300
 (800) 517-5222
FAX: (703) 453-8599
Contact: Jeff Verderame
Products/Services: Fraud & validation, Service bureau. SS7 solutions, care and billing, record transport, dial-around management services.

Translex
 11022 Santa Monica Blvd.
 Suite 360
 Los Angeles, CA 90025
 (310) 235-1730
FAX: (310) 235-1733
Contact: Joseph D. Deni II
Products/Services: Consulting services. Legal services/M&A.

TransWire Communications
 8 W. 19th St.
 10th Floor
 New York, NY 10011
 (212) 366-5001
 (800) 455-9638
FAX: (212) 366-5454
Contact: Joseph Weiss
Products/Services: Web hosting.

Trilogy Telemanagement LLC
 210 S. 16th St.
 Suite 116
 Omaha, NE 68102
 (402) 346-4600
FAX: (402) 346-1500
Contact: Jac Barben
Products/Services: Billing platforms, Operation & management software, Service bureau

U S Telebrokers Inc.
 8390 E. Via de Ventura
 Suites F/110-220
 Scottsdale, AZ 85258
 (602) 596-8881
FAX: (602) 596-3334
Contact: Ted Schuman
Products/Services: Consulting services, Third-party verification.

U.S. Online
 135-F Gaither Drive
 Mount Laurel, NJ 08054
 (609) 778-8383
 (800) 570-8765
FAX: (609) 231-8898
Contact: Daryle Seidman
Products/Services: Internet phone services and long distance.

U.S. South Communications
 3200 Windy Hill Road
 Suite 1100
 Atlanta, GA 30339
 (770) 240-6100
 (888) USSOUTH
FAX: (770) 625-3361
Contact: Timothy Barkley
Products/Services: Consulting services, Directory assistance.

UDSI
 500 Grapevine Highway
 Suite 300
 Hurst, TX 76054
 (817) 514-6644
 (800) 555-1414
FAX: (817) 514-6688
Contact: James Jackson
Products/Services: National directory assistance.

United Communications Network Inc.
 277 Fairfield Road
 Suite 318
 Fairfield, NJ 07004-1931
 (973) 882-0233
 (888) UCN-TELE
FAX: (973) 882-6557

Contact: Peter J. Bonastia
Products/Services: Consulting services.

UniversalCom Inc.
 185 Stahlman Ave.
 Destin, FL 32540
 (850) 837-0077
 (800) 279-0077
FAX: (850) 654-1794
Contact: Linda B. Williams
Products/Services: Consulting services, Direct billing services. We are a total solutions provider, LD, CLEC, ISP, equipment sales/service, CTI consultant.

USA Capital LLC
 15414 N. 7th St.
 Suites 8-173
 Phoenix, AZ 85022
 (602) 866-1002
FAX: (602) 866-7723
Contact: Art O'Hagan
Products/Services: Consulting services. Lease financing for equipment.

Valuline Long Distance
 9701 Montgomery Blvd. N.E.
 Albuquerque, NM 87111
 (505) 271-9008
 (800) 753-3332
FAX: (505) 237-9230
Contact: Melvin Reams
Products/Services: Billing platforms, Consulting services.

Verifications Plus
 700 Locust St.
 Suite 300
 Dubuque, IA 52001
 (800) 582-2444
FAX: (800) 422-4600
Contact: Tim Duggan
Products/Services: Third-party verification. Call center and telemarketing services i.e., customer service, welcome calls, P.I.C. freeze calls, anniversary calls, validation calls.

VeriTech Inc.
 310 S. Industrial Blvd.
 Euless, TX 76040
 (817) 685-2433
 (800) 371-1578
FAX: (817) 685-2419
Contact: Thomas Brighi
Products/Services: Third-party verification.

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I N D E X

Vis-A-Vis

257 N. First St.
San Jose, CA 95113
(408) 278-8530
(800) 408-6006

FAX: (408) 278-8536
Contact: Rob Bryce
Products/Services: Consulting services, LEC billing clearinghouse. 0+ call accounting, prepaid debit cards, Hotelecard.

VLM Consulting Inc.

1106 Lincolnway W.
Osceola, IN 46561
(219) 679-9237
(888) 886-8863
FAX: (219) 679-9197
Contact: Gary Lawrence
Products/Services: Direct billing services, Service bureau.

VoCall Communications Corp.

284 Sheffield St.
Mountainside, NJ 07092
(908) 301-0090
(800) 890-8787
FAX: (908) 301-0087
Contact: Gary Frank

Products/Services: Consulting services, Service bureau, Prepaid phone card issuer

VoiceLog LLC

2004 Hileman Road
Falls Church, VA 22043
(703) 356-1325
FAX: (703) 847-3828

Contact: Larry Leikin
Products/Services: Third-party verification.

VoiceTek Corp.

19 Alpha Road
Chelmsford, MA 01824
(978) 250-9393
FAX: (978) 250-9378
Contact: John Hill
Products/Services: Directory assistance, Operation & management software. Enhanced services: voice dialing, single number service, automatic call screening and unified messaging.

World Long Distance Inc.

444 Brickell Ave.
Suite 820

Miami, FL 33131

(305) 371-5353
FAX: (305) 371-9888

Products/Services: Billing platforms, Consulting services, Direct billing services, Direct billing software packages, LEC billing clearinghouse.

WorldCom Prepaid

610 Esther St.
Vancouver, WA 98660
(360) 695-7000
FAX: (360) 695-7245

Contact: Andy Saylor
Products/Services: Turnkey prepaid phone card programs.

WorldLinks Inc.

300 W. Pratt St.
Suite 400
Baltimore, MD 21201
(410) 752-7700
(800) 224-8602
FAX: (410) 752-6090
Contact: Alex Watts
Products/Services: Consulting services, Direct billing software

packages, Callback, calling card, debit card

WorldPort Communications Inc.

9601 Katy Freeway
Suite 200
Houston, TX 77024
(713) 461-4999
FAX: (713) 461-8098
Contact: John Dalton
Products/Services: International facilities-based provider.

WorldWide

Telecommunications
1498-M Reisterstown Road
Suite 239
Baltimore, MD 21208
(410) 998-9225
(800) 340-2390
FAX: (410) 998-9142
Contact: Lance Hyatt
Products/Services: Consulting services.

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<http://www.stdreg.com>

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and implementation. Brought to you by those Williams networkers, the original purveyors of innovative integration — and your partners, not your competitors. Get rid of those seat-of-the-pants carriers. Call a group that won't stand for anything but the best.

Find telecom solutions and support you can trust at www.willtales.com, or call 1-800-WILLIAMS.
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those **Williams** networkers 
11,000 fiber miles laid, lit and ready to ride.

ATTACHMENT 2

Marketing Materials Distributed at
TRA San Francisco Conference
May, 1998

FRONTIER CARRIER SERVICES GROUP



DEDICATION, INNOVATION, SUPPORT.

frontier
COMMUNICATIONSSM



- Planned Network
- Future Expansion
- Frontier Switch
- Terminal Sites



Dedicated People. Innovative Systems. Premier Support.

Our customers rely on our industry-leading support systems, dedicated account management team, and commitment to keeping pace with cutting-edge technologies. Frontier's carrier services are backed by the most advanced, integrated OC-48 SONET network in the U.S. and a European carrier hub in London. A growing global presence ensures customers of our commitment to constantly expand the opportunities offered by a strategic partnership with Frontier.

- Integrated suite of wholesale services including voice, data, private line, and conferencing services.
- Industry-leading PC-based on-line support systems – Remote Data Access (RDA) and Electronic Exchange (EE).
- Real-time, 24-hour PIC provisioning, order status, account maintenance, and daily Call Detail Record (CDR) delivery.
- Frontier GlobalCenter offers superior core competencies in Internet and IP services – full Tier 1 provider with national peering agreements and global digital distribution architecture.



For more information on
Frontier Carrier Services call:

1-800-675-6209

FRONTLINE

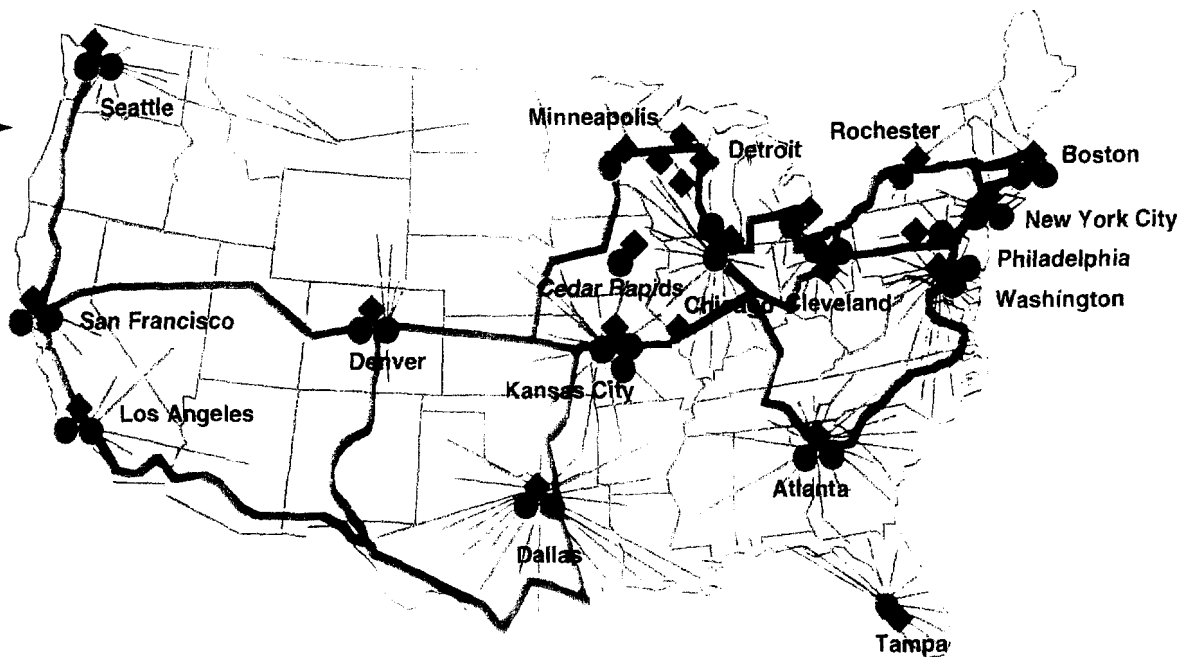
Frontier Carrier Services Group Newsletter

NETWORK UPDATE

The deployment of Frontier's 4 fiber, OC-48 SONET network build continues to steadily progress across the nation. We are successfully carrying traffic on the routes from Dallas to Houston, Los Angeles to San Francisco, San Francisco to Denver, Denver to Kansas City, Kansas City to St. Louis, and Chicago to Milwaukee.

FRONTIER Opens
European Hub for
Carrier Business
in the United
Kingdom

United Kingdom



- DMS-100E
- DMS-250
- DMS-500
- DSC 600E/600

- ◆ Frame Relay Complete
- SONET Network 1998

Fiber Routes Scheduled for Completion Second Quarter 1998:

- St. Louis to Indianapolis to Cleveland
- Indianapolis to Chicago
- Cleveland to Erie to Buffalo
- Buffalo to Albany to NYC
- Kansas City to Tulsa
- Tulsa to Oklahoma City to Ft. Worth
- Sacramento to Seattle

frontier
COMMUNICATIONSSM

IN THIS ISSUE

Network Update
GlobalCenter

Frontier's GlobalCenter
New Frontiers

EXPANDING OUR CAPABILITIES

Dear Frontier Customer,

Frontier is prepared for a fundamental change in the telecommunications landscape. As data services become increasingly important to the industry, Frontier is implementing strategies that focus our resources on aggressive new technologies. The carrier business is a key component of our corporate business plan. We actively continue to develop and support the most integrated suite of wholesale services available.

The deployment of Frontier's national SONET network build is progressing steadily. We are successfully carrying traffic on the routes from Dallas to Houston, Los Angeles to San Francisco, San Francisco to Denver, Denver to Kansas City, Kansas City to St. Louis, and Chicago to Milwaukee. By the end of the second quarter of 1998, all completed segments will account for more than 8,881 route fiber miles, or 68% of our final network infrastructure.

Frontier's network design, infrastructure and management system have also resulted in a long-term agreement with Level 3 Communications, Inc. We have jointly announced an agreement enabling Level 3 to lease capacity on Frontier's national SONET fiber-optic, IP-capable network for a period of at least five years. The leased network will initially encompass 8,300 route miles of OC-12 network capacity, connecting 15 of the nation's largest cities.

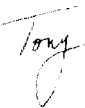
Frontier's first quarter acquisition of GlobalCenter represents a major opportunity for expanding our wholesale portfolio. We recognize that offering voice services that are carried over packetized (rather than more conventional circuit-switched) networks allows carriers to offer lower-cost service to customers. It is becoming a growing option for resellers to consider. As a full Tier 1 provider with national peering agreements and global digital distribution architecture, GlobalCenter's superior core competencies in Internet and IP services put Frontier in a strong competitive position for the future.

Frontier continues in its dedication to find innovative ways to anticipate and meet your needs. We are pursuing our international expansion by establishing a European carrier hub in London. We are also building a fiber link that will connect Telephone House and Tele-House, the two largest carrier "condos" in London.

Our knowledgeable carrier team looks forward to the opportunity to support your continued success by developing partnerships that are unrivaled in the industry.

I hope to see you all at the spring and summer shows in California and Chicago.

Sincerely,



Anthony J. Cassara
President
Frontier Carrier Services Group

Frontier GlobalCenter — Staying One Step Ahead

As a smart business person, you know the importance of focusing on your core business development. We understand that keeping up with rapidly changing data technology and new telecommunications tools is your first priority — one that directly affects your bottom line.



By partnering with Frontier, you've tapped into a dedicated support channel that will keep you informed of enhancements that can make you more competitive. Our ongoing goal is to look for strategic business opportunities that will help you update and round out your suite of services. We are constantly looking at ways to incorporate technology into a more competitive cost structure so that we can offer the best, most cost-effective products available.

Frontier's dedication to staying ahead of changing technology is emphasized by the January 1998 acquisition of GlobalCenter — a major leap forward in attaining the Frontier vision of providing a full portfolio of integrated data solutions. The acquisition was completed in six weeks — as opposed to the anticipated 60 to 90 days — underscoring our commitment to be fast-to-market with industry-leading data services.

Frontier GlobalCenter's unique global digital distribution architecture lets customers bypass standard, congested Internet pathways, resulting in faster, more reliable delivery of content on the World Wide Web. The combination of GlobalCenter's unique global digital distribution architecture with the backbone of Frontier's next-generation OC-48 SONET network provides unbeatable performance, speed, and reliability.



NEW PRODUCT UPDATE

Toll-Free Routing Features

Round out your suite of wholesale services with Frontier's Toll-Free Routing features, available during Second Quarter 1998.

Area Code Routing

- Route calls to a predetermined location based on originating area code

Sample Application: Customize calling areas and improve allocation of resources

Time-of-Day Routing

- Route calls to a predetermined location based on time of day that call originates

Sample Application: Multiple-location companies which must have calls routed to alternate locations after normal business hours

Percent Call Allocation Routing

- Route calls to multiple call centers based on a predetermined percentage of calls received

Sample Application: Designate call volumes among multiple locations more efficiently

Toll-Free 6-Digit and 10-Digit Routing/Blocking

- Route or prevent the completion of toll-free calls based on NPA-NXX or 10-digit number of caller

Sample Application: Eliminate calls that should be direct-dialed

Frontier Access Direct Delivers Savings!

Interested in lowering your access costs? Do you currently originate and terminate 90% of your traffic or higher with the RBOCs? Frontier Access Direct is for you! Frontier Access Direct offers competitive originating and terminating rates at the carrier level for all RBOCs and additional low-cost ITCs (GTE, SNET, Cincinnati Bell, Sprint, and, of course, Frontier Communications).

All that matters is where you call.

- Increase profits with lower access costs
- Conversion is seamless and hassle-free

The facts speak for themselves... of the existing 170 million plus access lines, our new Frontier Access Direct low cost price structure covers 95% of them!

Total Access Lines	170,568,176
Total RBOC Access Lines	131,391,927
Total Low Cost ITC Access Lines	31,169,489
Remaining Access Lines	8,006,760

Total Number of Access Lines Covered by Low Cost Tiers with Frontier Access Direct 162,561,416

95% of Access Lines Covered by Frontier Access Direct!

Low cost pricing

5% Remaining



Ask your Carrier Sales Representative how Frontier Access Direct can save you money!

Carrier Welcomes New Directors

Frontier Carrier Services continues to expand upon our dedication to provide customers with premier account support. Two new additions to the team include Nancy Cox, Director of Strategic Planning and Systems Development, and Sandy Hall, Director of Carrier Services Customer Support.



Nancy Cox brings a comprehensive background in accounting and product management to Carrier. Her 20 years of accounting experience include a range of accomplishments, including the strategic development and institution of general ledger, payroll, billing, and audit reporting systems.

Her five years of experience in product management with Frontier Billing Services yielded innovative additions to the electronic tracking and reporting capabilities Frontier provides customers. "I am eager to put my experience to work meeting the needs of our carrier customers," says Nancy.



Sandy Hall also comes to the Carrier team with over 20 years of telecommunications experience and an extensive background in CLEC and long distance network operations and hardware. Her recent focus has been in the sales and sales support arena, managing account executives and customer service

groups. As Director of Carrier Services Customer Support, she is responsible for overseeing the day-to-day operational issues associated with carrier customers. "I look forward to meeting all of our customers over the next few months to make sure that we're addressing all of their requirements," comments Sandy, who can be reached directly at 248-433-4975 or by pager at 1-800-946-4645 (PIN 712-4377).

New 8-digit Customized Account Codes Offer Flexibility and Control

New Customized Account Codes are now available with Frontier's National Origination Service (switched and dedicated end-user access). Customized Account Codes deliver increased flexibility to make you more competitive and add value to your existing product offering.

Now, with our customization feature, you can choose and design code combinations and the number of digits that work best for you and your customers. Our expanded 8-digit account codes are available at the account and individual ANI level – providing you with new revenue opportunities where you may have been limited previously.

Contact your Carrier Account Manager to find out how you can benefit from this new product offering.

Upcoming Events

Carrier Services Account Executive Forum

March 30 - April 1, 1998
Austin, Texas

May 11 - 14, 1998
San Francisco, California
Booth #301

June 21 - 24, 1998
San Diego, California

July 27 - 29, 1998
Chicago, Illinois

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Katie Norton
Manager, Carrier Services Communications
180 South Clinton Avenue
Rochester, NY 14646

Please write or call with comments regarding this issue of Frontline.
If you would like more information on Carrier Services products,
please call 1-800-675-6209.

Executive Editor: Katie Norton

Carrier Services Group

DEDICATION INNOVATION SUPPORT

All Networks Are Not Created Equal...

Network Element	Frontier's SONET Network OC-48	Legacy Networks	Benefits of Frontier's Network
Fiber	Non-Zero Dispersion Shifted Fiber (NZDS)	Single mode fiber	NZDS Fiber is capable of Wave Division Multiplexing (WDM) providing greater capacity over the same number of fibers, while single mode fiber is not
Right of Way	Majority built along railroads	Highway	Highly secure environment, hence greater survivability
Installation & Protection	Buried greater than 4' and encased in conduit	Directly buried less than 4'	Fibers are buried deeper and within a conduit for additional protection

Network Element	Frontier's SONET Network OC-48	Other Networks OC-192	Frontier Customer Benefit
Network Survivability	4 fiber bi-directional line-switched ring architecture providing one-to-one protection	Back to back linear configuration	Reliability A fully redundant network providing one-to-one protection guarantees continuous traffic throughout—maximizing revenue potential
Service Quality	The combination of OC-48 and NZDS fiber allow longer span deployment greatly reducing possible points of failure	Medium to long haul deployment (<100Km) requires more equipment in the network	Service Quality Enhanced value as a service provider by utilizing the highest quality network with the fewest points for potential failure—virtually 100% network reliability
Interfaces	Flexibility to support both asynchronous (DS-3/STS-1) & SONET (OC-N) interfaces	Additional equipment required to interface at sub OCN levels	Flexible Solutions Broad, customized solutions with the ability to provision quickly and easily



Carrier Services Group
Frontier Corporation
Frontier Center
180 South Clinton Ave.
Rochester, New York 14646
1-800-675-6209

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SUPPORT SERVICES

DEDICATION, INNOVATION,
SUPPORT.



Essential Tools to Support your Business.

Propel your operations forward with advanced technology and **innovative support systems** designed to handle your critical "back-room" functions. Frontier helps you realize your business goals with a **dedicated account management team** and proprietary, **PC-based, online systems** that are unrivaled in the industry.

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SUPPORT SERVICES

Essential Tools to Support Your Business.

Frontier is committed to developing viable, profitable, long-term partnerships. Our robust portfolio of telecommunications systems and services enables you to increase revenue, improve margins, and expand into new markets. By partnering with Frontier, you tap into nearly a century of proven industry experience backed by our fully owned, next generation SONET network, a wide array of advanced services, and premier back-room support. Our objective is to utilize these resources to customize solutions so you can achieve your operating goals – now and well into the future.

Remote Data Access (RDA) and Electronic Exchange (EE)

Our proprietary information management systems give you complete control over your customers' accounts with 24-hour PIC provisioning, order status, account maintenance, and daily Call Detail Record (CDR) delivery.

- Get *real-time* access to your customers' crucial account information – including account maintenance, order provisioning, and trouble ticket management – with our PC-based online RDA System
- Facilitate processing of large batch files and the transmission of daily CDRs with our industry-unique EE System
- Turn up customers quickly with 24-hour PIC provisioning
- Begin billing immediately and generate revenue faster with daily CDRs
- Verify the status of every order submitted to Frontier and eliminate possible lost orders

Next Generation SONET Network

Frontier's next generation SONET network taps into a robust, proven track record in the carrier industry.

- Rely on our dedicated account management team to proactively manage the day-to-day operations of your business
- Increase employee productivity with comprehensive training on our advanced systems, products, and services

Next Generation SONET Network

- Virtually unlimited high-quality network capacity
- Fully redundant 1x1 network protection
- Proactive maintenance through SONET performance monitoring and diagnostic capabilities
- Flexible SONET transport system reduces costs and increases efficiencies
- 24-hour, 7 day-a-week surveillance of all network equipment

For more information on
Frontier Carrier Services
Call 1-800-675-6209



FRONTIER ACCESS DIRECTSM

DEDICATION, INNOVATION,
SUPPORT.



Frontier Access
Direct Can Save
You Money!

If you want to
increase profits
and **manage your**
costs more effectively,
and you currently originate
and/or terminate 90% or
more of your traffic with the
RBOCs and low-cost ITCs,
Frontier Access Direct is for
you. Benefit from special
competitive pricing
that covers 95% of all
existing access lines.

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FRONTIER ACCESS DIRECTSM

Frontier Access Direct Can Save You Money!

Interested in managing your costs more effectively?
Do you currently originate and/or terminate 90%
or more of your traffic with the RBOCs?

All that
matters
is where
you call.

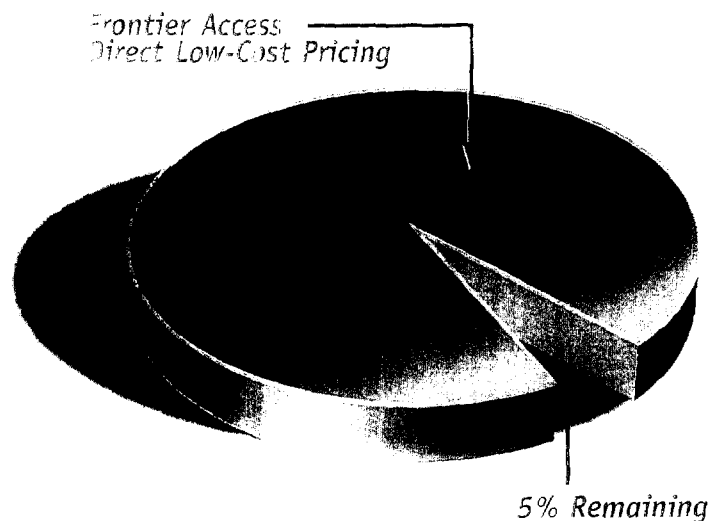
Frontier Access DirectSM offers competitive originating
and terminating rates at the carrier level for all RBOCs
and low-cost ITCs (GTE, SNET, Cincinnati Bell, Sprint,
and, of course, Frontier Communications).

Low-Cost Pricing Covers 95% of Access Lines

This fact speaks for itself – there are over 170 million
access lines, and our **new Frontier Access DirectSM**
low-cost price structure covers 95% of them!

Total RBOC Access Lines	77%
Total Low-Cost ITC Access Lines	18%
Remaining Access Lines	5%
<hr/>	
Total Number of Access Lines Covered by Low-Cost Tiers with Frontier Access Direct	95%

95% of Access Lines
Covered by Frontier
Access Direct



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574-562-498

CALLING CARD SERVICES

DEDICATION, INNOVATION,
SUPPORT.



The Reliability
You Need in a
Calling Card
Platform.

Count on **100%**
redundancy – our N+1
architecture ensures that
each system component
has at least one backup.
And our unique **switch-
independent** platform
is extremely **flexible**
and **scalable**, allowing
you to connect to
virtually any switching
system.

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CALLING CARD SERVICES

The Flexibility You Need in a Calling Card Platform.

Our industry-leading technology gives you a competitive advantage with robust feature customization. Safeguard your profits with Frontier's exclusive Cash Guard® and real-time fraud control capabilities.

Cash Guard®: Our Exclusive Credit Management Tool

- Minimize your exposure by setting a credit limit on every calling card issued
- Calls in progress will not be interrupted when the limit is reached, but no further calls can be made until the Cash Guard® dollar limit is replenished

Real-time Fraud Monitoring Protection

- Guard your profitability with our proprietary fraud control systems
- Real-time Call Detail Record (CDR) review allows instant identification of fraudulent calling patterns and immediate action to safeguard your profits

Experience the Frontier Advantage

- AIN platform supports all out-of-band protocols, including Common Channel SS7, and delivers the fastest call setup in the industry
- Customize international terminating destinations, PIN/Authorization Code order, call scripting, branding, and much more – we can even emulate your existing card on our platform

- Increase percentage of call completions with custom-branded automated or manual operator support – English- and Spanish-speaking operators available 24 hours a day, 7 days a week (automated attendant supports over 12 additional languages)
- Stimulate usage and increase call completions with enhanced services such as:
 - Call Reorigination
 - Speed Dialing
 - Directory Assistance
 - Voice Message Delivery
 - Voice Mail
 - Conference Calling
 - Information Services
 - And Many More
- New Platinum Service offering provides speech recognition service in addition to all other enhanced services
- Universal ReachSM – international terminating capabilities to over 240 countries. International origination from over 70 countries with Universal International Freephone Number (UIFN) service from participating countries

For more information on
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Call 1-800-675-6209

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SONET NETWORK POPs

Site	State	Site	State
Phoenix	AZ	Albany	NY
Tucson	AZ	Albany	NY
Anaheim	CA	Albany	NY
Chico	CA	Albany	NY
Los Angeles	CA	Albany	NY
Oakland	CA	Albany	NY
Redding	CA	Albany	NY
Sacramento	CA	Albany	NY
Salinas	CA	Albany	NY
San Diego	CA	Albany	NY
San Francisco	CA	Albany	NY
San Jose	CA	Albany	NY
San Luis Obispo	CA	Albany	NY
Santa Barbara	CA	Albany	NY
Colorado Springs	CO	Albany	NY
Denver	CO	Albany	NY
Stamford	CT	Albany	NY
Washington	DC	Albany	NY
Atlanta	GA	Albany	NY
Des Moines	IA	Albany	NY
Chicago	IL	Albany	NY
Indianapolis	IN	Albany	NY
South Bend	IN	Albany	NY
Topeka	KS	Albany	NY
Bowling Green	KY	Albany	NY
Louisville	KY	Albany	NY
Boston	MA	Albany	NY
Springfield	MA	Albany	NY
Westfield	MA	Albany	NY
Baltimore	MD	Albany	NY
Battle Creek	MI	Albany	NY
Jackson	MI	Albany	NY
Southfield	MI	Albany	NY
Minneapolis	MN	Albany	NY
Owatonna	MN	Albany	NY
Kansas City	MO	Albany	NY
St. Louis	MO	Albany	NY
Charlotte	NC	Albany	NY
Greensboro	NC	Albany	NY
Raleigh	NC	Albany	NY
Rocky Mountain	NC	Albany	NY
Lincoln	NE	Albany	NY
Omaha	NE	Albany	NY
Newark	NJ	Albany	NY
Trenton	NJ	Albany	NY
Albuquerque	NM	Albany	NY
Reno	NV	Albany	NY
Albany	NY	Albany	NY
Buffalo	NY	Albany	NY
New York City	NY	Albany	NY
Poughkeepsie	NY	Albany	NY
Rochester	NY	Albany	NY
Syracuse	NY	Albany	NY
White Plains	NY	Albany	NY
Akron	OH	Albany	NY

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PRIVATE LINE SERVICE

DEDICATION, INNOVATION,
SUPPORT.



Cost-Effective,
High-Capacity
Private Line Service.

Tap into the unsurpassed
speed, reliability,
and **performance** of
Frontier's next-generation
SONET network. Frontier
Private Line Service
offers **dedicated** point-
to-point DS-1, DS-3, and
OC-N capacity between
any two on-net city pairs
within the continental U.S.

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PRIVATE LINE SERVICE

Cost-Effective, High-Capacity Private Line Service.



Frontier's Private Line Service offers fully protected, cost-effective capacity between any two on-net city pairs for voice, data, and multimedia. Frontier's flexible SONET-based Private Line Service can be configured with DS-1, DS-3, STS-1, OC-3/c, and OC-12/c interfaces.

Superior Performance and Enhanced Capabilities:

- Connectivity with local SONET networks
- Drop and insert capabilities at nearly 100 cities nationwide
- Available capacity from DS-1 to OC-48
- 24-hour, seven-day-a-week surveillance of all network equipment
- World-class Network Operations Center (NOC) control through real-time network management system

Benefit from These Features:

- Efficient operations, lower cost, and increased flexibility with nationwide SONET transport system
- Superior network reliability provided through self-healing SONET ring architecture
- A significant reduction in provisioning lead times
- Essentially unlimited network capacity

For a complete list of on-net cities, refer to the Frontier SONET Network POPs list.

For more information on
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Call 1-800-675-6209

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SWITCHLESS 1+, TOLL-FREE SERVICES

DEDICATION, INNOVATION,
SUPPORT.



National Origination
Service (NOS)
from Frontier
Provides Nationwide
Coverage.

Frontier's NOS portfolio
gives you **nationwide
origination** and inbound
toll-free capabilities, as well
as termination to **over
240 international**
destinations. Benefit from
our **competitive
pricing**, dedicated
account management team,
and proprietary PC-based,
online systems for **real-
time access** to critical
account information.

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SWITCHLESS 1+, TOLL-FREE SERVICES

National Origination Service (NOS) from Frontier Provides Nationwide Coverage.

Nationwide Product Portfolio:

- Complete nationwide origination capabilities
- Termination to over 240 international destinations
- Nationwide inbound (toll-free) service
- Switched and dedicated end-user access
- Calls originated entirely on the Frontier network
- KLV system gives you real-time access to your customers' critical account information - including account maintenance, order provisioning, and trouble ticket management
- EE facilitates processing of large batch files and the transmission of daily Call Detail Records (CDRs)

Value Added Services:

- Complete control and support via our proprietary PC-based online systems - Remote Data Access (RDA) and Electronic Exchange (EE)
- Custom-branded 700 numbers for PIC verification promote reseller brand awareness
- Frontier's Subscription Services Group reworks PIC rejects at no additional charge
- Customized validated account codes available from 2 to 8 digits in length; non-validated account codes are also available
- Toll-free routing features for switched and dedicated end users include:
 - Area code blocking
 - Area code routing
 - Time of day routing
 - Percent call allocation routing
 - 6-digit routing and blocking
 - 10-digit routing and blocking
- Toll-free directory assistance service
- Daily status on every order submitted to Frontier
- 24-hour real time PIC provisioning and maintenance
- Optimal network performance with Frontier's next generation SONET network
- Dedicated account management by a team of experienced professionals

Specialized Pricing Options:

- Frontier Access DirectSM offers carrier-specific originating and terminating rates for the Regional Bell Operating Companies (RBOCs) and low-cost independent telephone companies
- City-specific international termination capability
- Competitive intrastate and interstate pricing

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